

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of : **Paul G. Shields**  
Serial No. : 10/501,682  
Filing Date : February 2, 2005  
Examiner : Louis D. Lieto  
Group Art Unit : 1632  
Entitled: : TISSUE REJECTION

-----  
Suite 2400  
1601 Market Street  
Philadelphia, PA 19103  
(215) 563-4100 (telephone)  
(215) 563-4044 (facsimile)  
Our File No.0380-P03437US0  
-----

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97**

---


In compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicants are submitting herewith a Form PTO-1449. Because the filing date of this application is after June 30, 2003, only copies of the citations that are not U.S. Patents or U.S. Published Patent Applications are provided.

This Information Disclosure Statement is being filed more than three months after the filing date of this application, and after receipt of the first Official Action on the merits, but before receipt of a Final Official Action or an Notice of Allowance. Accordingly, the \$180 fee required under 37 C.F.R. 1.97(c) is enclosed. In the event the enclosed fee is in error, the Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit account no. 04-1406.

Applicants respectfully request full and proper consideration of the listed information during examination of the application, and that the listed information be printed on any patent that issues therefrom.

Respectfully submitted,

DANN, DORFMAN, HERRELL & SKILLMAN  
A Professional Corporation  
Attorneys for Applicant(s)

By   
Kathleen D. Rigaut, Ph.D., J.D.

PTO Registration No. 43,047  
Telephone: (215) 563-4100  
Facsimile: (215) 563-4044

Enclosures - Form PTO-1449

Copies of Non-US Patent references listed on PTO -1449

# INFORMATION DISCLOSURE STATEMENT

*Complete if known*

Application Number: 10/501,682

Filing Date: February 2, 2005

First Named Inventor: Paul G. Shields

Group Art Unit: 1632

Examiner Name: Louis D. Lieto

SHEET 1 OF 1

Attorney Docket Number: 0380-P03437US0

## UNITED STATES PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE MM-DD-YYYY	FIRST NAMED INVENTOR

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	DOCUMENT NUMBER	COUNTRY OR REGION	DATE OF PUBLICATION MM-DD-YYYY	FIRST NAMED INVENTOR OR APPLICANT

## OTHER CITATIONS - NON-PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in Capital Letters), title of the article (when appropriate), title of the item(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		AKALIN, Enver, et al. "Gene Expression Analysis in Human Renal Allograft Biopsy Samples Using High-Density Oligoarray Technology." Transplantation, Vol. 72, No. 5. 15 September 2001. Pages 948-953.
		WHITE, S.A., et al. "Effect of Acute Rejection on Expression of Fibrosis Associated Genes in Renal Transplant Recipients." Transplantation Proceedings, Vol. 32. 2000. Pages 19-20.
		KIM, Yon Su, et al. "Cadaveric Renal Allograft at the Time of Implantation has the Similar Immunological Features with the Rejecting Allograft." Transplantation, Vol. 70, No. 7. 15 October 2000. Pages 1080-1085.
		MAS, V., et al. "Intragraft Messenger RNA Expression of Angiotensinogen: Relationship With Transforming Growth Factor Beta-1 and Chronic Allograft Nephropathy in Kidney Transplant Patients." Transplantation, Vol. 74, No. 5. 15 September 2002. Pages 718-721.
		SHARMA, V.K., et al. "Molecular Correlates of Human Renal Allograft Rejection." Transplantation Proceedings, Vol. 30. 1998. Pages 2364-2366.
		KAWASE, T., et al. "TGF-Beta1 is Upregulated in Chronically Deteriorated Renal Allografts." Transplantation Proceedings, Vol. 32. 2000. Page 1781.

EXAMINER'S SIGNATURE	DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw a line through citation if citation not in conformance and reference not considered. Include a copy of this form with next communication to applicant.